(b) The mortality rate of persons undergoing by-pass surgery in this hospital during the last two years is 5.6 percent.

(c) The total number of cardiac invasive procedure undertaken in Safdarjung Hospital (since establishment in October, 2001) in the cath lab and the total number of cardiac thoracic and vascular surgery during last two years are as under:—

Cardiac invasive procedure—314
Cardiac thoracic and vascular surgery—501

The information in respect of AIIMS is being collected and will be laid on the Table of the House.

Preventive measures to contain communicable diseases

2952. SHRI A. VIJAYA RAGHAVAN: Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:

(a) whether adequate preventive measures are taken to contain communicable diseases in view of the report of pneumonic plague in village in Himachal Pradesh;

(b) if so, the details of reported communicable disease, number of people affected, deaths due to it, number of hospitals, number of doctors and paramedical staff appointed in this area for the last three years, State-wise, category-wise; and

(c) the details of research institutions working in this area, number of researchers, research fund granted, fund utilised and research publications in national and international primary journals published by above researchers for last three years, State-wise, year-wise and category-wise?

THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND FAMILY WELFARE (SHRI A. RAJA): (a) Yes, Sir. Recently there was an outbreak of acute febrile illness with haemoptysis (blood in sputum) in Hatkoti village of Shimla district which has been confirmed by National Institute of Communicable Diseases as pneumonic plague.

From 4th February till 14th March, 2002 out of the sixteen cases of

plague detected in Himachal Pradesh and the four suspected cases with plague like symptoms from Chandigarh and its adjoining areas 5 have died, 15 have discharged after recovery.

On receiving report from the nodal officer for National Surveillance Programme for Communicable Diseases a team from National Institute of Communicable Diseases consisting of epidemiologist, microbiologist and entomologist proceeded to the affected areas of Himachal Pradesh 14.2.2002 and on 22.2.2002 another team consisting of 6 public health experts was sent to Chandigarh. The teams visited the affected areas and examined the patients in the hospitals. They assisted and advised the State health autorities in containing the spread of infection.

The following action were taken:

(i) The emergency medical requirements of the Government of Himachal Pradesh were promptly met with.

(ii) Guidelines were issued to health authorities of Government of Himachal Pradesh, Uttaranchal, Punjab, Haryana and U.T. of Chandigarh for containing the spread of infection.

(iii) Door to door interaction with the population in the affected and adjoining village for dispensing antibiotics, informations about the new cases and educating the people was conducted.

(iv) Fumigation of the patients' houses were carried out using Formalin (10%).

(v) About 28,000 to 30,000 people have been provided chemoprophylaxis.

The significant components of these guidelines were:

*Quarantine of the affected village and close contacts of the patients.

*Chemoprophylaxis (using Doxycline/Tetracycline/Broad Spectrum antibiotics) administered to the close contacts of the patients residents of the affected and neighbouring villages, doctors/ paramedics and health workers in Himachal Pradesh, Punjab, Haryana and Uttaranchal, Fumigation of the patients' houses have

been fumigated using Formalin (10%) in the affected villages, as well as the transport vehicles.

- IEC campaign for reassuring the general public not to panic, and also advising them to report to health facilities in case there was fever, cough, etc.

In order to identify outbreak of communicable diseases and appropriate and timely response to these outbreaks Government of India launched National Surveillance Programme for Communicable Disease (NSPCD) during 1997-98. The main objectives of this programme is capacity building at State and district levels for early identification of outbreaks and rapid response. The Programme is currently under operation in 80 districts.

(b) The morbidity and mortality statstics, State-wise for the following communicable diseases, enteric fever, cholera, malaria and AIDS for the years 1998, 1999 and 2000 are given in the enclosed Statement I to VI (*See below*). Health being a State subject all the hospitals, medical colleges, nursing homes, clinic/dispensaries run and controlled by the State Governments as also institutions in the private sector contributes in the area of diagnosing/treating communicable disease.

(c) Indian Council of Medical Research and National Institute of Communicable Disease under Ministry of Health and Family Welfare is involved in the research pertaining to communicable disease. Various national programmes on communicable diseases are also funding research projects. With special reference to plague ICMR is funding a project during last three years at All India Institute of Medical Sciences, New Delhi to study the protective efficacy of peptide immunogens of F1 antigen of Yersinia pestis which is the causative organism of plague in humans. The new vaccine is still under testing. There are two Research Assistants and one Lab. Attendant. Funds allocated for this project is Rs. 6,40,120/- for 2 years and funds utilized is Rs. 3,20,060/-. There is one publication (communicated to Vaccine 2002) titled Developing subunit vaccine for Plague using B&T Constructs derived from F1 antigen using Novel Delivery Vehicles (L Sabhanani et al).

Statement I

Reported cases and deaths due to Enteric Fever

Name of the State	1998		1999		2000	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
1	2	3	4	5	6	7
1. Andhra Pradesh	53252	36	87315	70	127662	72
2. Arunachal Pradesh	...	...	...	...	...	...
3. Assam	15330	0	...	...	...	...
4. Bihar	...	...	...	...	...	...
5. Goa	44	0	183	0	354	0
6. Gujarat	3617	7	3740	0	4630	7
7. Haryana	988	1	2970	6	2833	3
8. Himachal Pradesh	13203	5	14598	1	16181	1
9. Jammu and Kashmir	7595	@	24795	0	24157	0
10. Karnataka	43894	54	50473	41	66745	84
11. Kerala	9817	2	15239	6	10633	4
12. Madhya Pradesh	39084	47	19948	9	27950	10
13. Maharashtra	16004	32	20092	16	25305	12
14. Manipur	3373	0	4197	5	8765	1
15. Meghalaya	11302	0	3037	3	2164	1
16. Mizoram	255	0	503	1	477	3
17. Nagaland	3957	3	2659	0	1968	0
18. Orissa	35084	23	36059	65	26783	22
19. Punjab	2827	1	6254	4	3746	0

@Data not reported.

***Date not received.

1	2	3	4	5	6	7
20. Rajasthan	8113	14	3037	4	4689	29
21. Sikkim	0	0	3	0	42	0
22. Tamil Nadu	9067	5	18729	4	19001	10
23. Tripura	1015	0	2619	0	1263	2
24. Uttar Pradesh	20929	68	19400	29	15666	20
25. West Bengal	12930	0	31547	86	29156	71
26. A and N Islands	620	0	3408	1	558	0
27. Chandigarh	...	...	92	1	78	0
28. Dadra and Nagar Haveli	211	0	3	0	...	...
29. Daman and Diu	59	0	53	0	19	0
30. Delhi	3219	7	6023	26	9750	44
31. Lakshadweep	80	0	45	0	82	0
32. Pondicherry	2641	0	2283	4	2271	0
TOTAL:	318510	328	379304	382	452378	396

Statement II

*Notified Cases and Deaths due to Cholera in States/UTs in India during 1998****

State/UT	January to March		April to June		July to Sept.		October to December		Prog. Total	
	C	D	C	D	C	D	C	D	C	D
1	2	3	4	5	6	7	8	9	10	11
1. Andhra Pradesh	21	0	18	0	4	0	0	0	43	0
2. Arunachal Pradesh	..	..	..	..	..	..	..	..	..	..

1	2	3	4	5	6	7	8	9	10	11
3. Assam	0	0	..	..	..	..	..	..	0	0
4. Bihar	..	..	..	..	..	..	..	..	..	..
5. Goa	0	0	6	0	4	0	0	0	10	0
6. Gujarat	3	0	20	0	90	0	0	0	113	0
7. Haryana	0	0	41	0	43	0	3	0	87	0
8. Himachal Pradesh	0	0	0	0	0	0	0	0	0	0
9. Jammu and Kashmir	0	0	0	0	0	0	..	..	0	0
10. Karnataka	71	0	183	0	29	1	105	1	388	2
11. Kerala	42	0	5	0	10	0	3	0	60	0
12. Madhya Pradesh	0	0	..	..	..	..	..	..	0	0
13. Maharashtra	89	0	428	0	1548	7	358	1	2423	8
14. Manipur	0	0	5	0	13	0	1	0	19	0
15. Meghalaya	0	0	0	0	0	0	0	0	0	0
16. Mizoram	0	0	0	0	0	0	0	0	0	0
17. Nagaland	0	0	0	0	0	0	..	0	0	0
18. Orissa	0	0	0	0	0	0	0	..	0	0
19. Punjab	0	0	0	0	6	0	1	0	7	0
20. Rajasthan	0	0	5	0	9	0	19	0	33	0
21. Sikkim	0	0	0	0	0	0	0	0	0	0
22. Tamil Nadu	450	0	206	0	698	0	409	0	1763	0
23. Tripura	0	0	0	0	0	0	0	0	0	0
24. Uttar Pradesh	..	..	..	..	..	..	..	..	..	..
25. West Bengal	0	0	38	0	270	0	140	0	448	0
26. A and N Islands	..	..	..	..	..	..	..	..	..	..

1	2	3	4	5	6	7	8	9	10	11
27. Chandigarh	0	0	0	0	3	0	0	0	3	0
28. D and N Haveli	0	0	..	..	..	..	0	..	0	0
29. Daman and Diu	0	0	0	0	0	0	0	0	0	0
30. Delhi	3	0	327	0	1276	0	148	0	1754	0
31. Lakshadweep	0	0	0	0	0	0	0	0	0	0
32. Pondicherry	0	0	0	0	0	0	0	0	0	0
TOTAL	679	0	1282	0	4003	8	1187	2	7151	10

NOTE: C = Cases, D = Deaths, .. = Not Received 0=Nil, R=Revised

***this Statement is based on Weekly Reports which provide details of areas within the State where cases have occurred.

Statement III

*Notified Cases and Deaths due to Cholera in States/UTs in India during 1999****

State/UT	January to March		April to June		July to Sept.		October to December		Prog. Total	
	C	D	C	D	C	D	C	D	C	D
1	2	3	4	5	6	7	8	9	10	11
1. Andhra Pradesh	0	0	0	0	..	..	..	..	0	0
2. Arunachal Pradesh	..	..	..	..	..	..	..	..	..	..
3. Assam	..	..	..	..	..	..	..	..	..	..
4. Bihar	..	..	..	..	..	..	..	..	..	..
5. Goa	0	0	0	0	2	0	0	0	2	0
6. Gujarat	2	0	20	0	3	0	55	0	80	0
7. Haryana	0	0	8	0	18	0	1	0	27	0

1	2	3	4	5	6	7	8	9	10	11
8. Himachal Pradesh	0	0	0	0	15	1	1	0	16	1
9. Jammu and Kashmir	0	0	0	0	0	0	0	0	0	0
10. Karnataka	2	0	51	0	48	2	17	1	118	3
11. Kerala	4	0	0	0	2	0	2	0	8	0
12. Madhya Pradesh	..	..	..	..	..	..	..	..	..	..
13. Maharashtra	12	0	22	0	1618	2	45	0	240	2
14. Manipur	0	0	0	0	0	0	0	0	0	0
15. Meghalaya	0	0	0	0	0	0	0	0	0	0
16. Mizoram	0	0	..	..	..	..	..	..	6	0
17. Nagaland	0	0	0	0	0	0	0	0	0	0
18. Orissa	0	0	0	0	0	0	0	0	0	0
19. Punjab	0	0	3	0	10	0	0	0	13	0
20. Rajasthan	0	0	0	0	1	0	..	..	1	0
21. Sikkim	0	0	0	0	0	0	0	0	0	0
22. Tamil Nadu	131	0	316	0	612	0	571	0	1630	0
23. Tripura	0	0	0	0	0	0	0	0	0	0
24. Uttar Pradesh	..	..	..	..	..	..	..	..	..	..
25. West Bengal	37	0	113	0	121	0	85	0	356	0
26. A and N Islands	..	..	..	..	..	..	..	..	..	..
27. Chandigarh	0	0	0	0	..	..	0	0	0	0
28. D and N Haveli	..	..	..	..	..	..	..	..	..	..
29. Daman and Diu	0	0	0	0	0	0	0	0	0	0

1	2	3	4	5	6	7	8	9	10	11
30. Delhi	4	0	749	0	511	0	84	0	1348	0
31. Lakshadweep	0	0	0	0	0	0	0	0	0	0
32. Pondicherry	0	0	0	0	0	0	0	0	0	0
TOTAL	192	0	1292	0	1504	5	861	1	3839	6

NOTE: C = Cases, D = Deaths, .. = Not Received, 0 = Nil, R=Revised
***this Statement is based on Weekly Reports which provide details of areas within the State where cases have occurred.

Statement IV

*Notified Cases and Deaths due to Cholera in States/UTs in India during 2000****

State/UT	January to March		April to June		July to Sept.		October to December		Prog. Total	
	C	D	C	D	C	D	C	D	C	D
1. Andhra Pradesh	0	0	1	0	1	0	0	0	2	0
2. Arunachal Pradesh	..	..	..	..	..	..	..	..	..	..
3. Assam	..	..	..	..	..	..	..	..	..	..
4. Bihar	..	..	..	..	..	..	..	..	..	..
5. Goa	0	0	0	0	12	0	0	0	12	0
6. Gujarat	65	0	77	1	40	0	3	0	185	1
7. Haryana	0	0	0	0	1	0	..	..	1	0
8. Himachal Pradesh	0	0	0	0	1	0	0	0	1	0
9. Jammu and Kashmir	0	0	0	0	0	0	0	0	0	0
10. Karnataka	11	0	223	0	97	2	23	1	354	3

1	2	3	4	5	6	7	8	9	10	11
11. Kerala	33	1	45	6	52	2	16	2	146	11
12. Madhya Pradesh	..	..	..	..	..	..	..	..	..	..
13. Maharashtra	6	0	137	0	422	2	213	0	778	2
14. Manipur	0	0	0	0	0	0	0	0	0	0
15. Meghalaya	0	0	0	0	0	0	0	0	0	0
16. Mizoram	0	0	0	0	0	0	0	0	0	0
17. Nagaland	0	0	0	0	..	..	0	0	0	0
18. Orissa	0	0	0	0	0	0	0	0	0	0
19. Punjab	0	0	0	0	14	0	0	0	14	0
20. Rajasthan	0	0	13	0	..	..	..	..	13	0
21. Sikkim	0	0	0	0	0	0	0	0	0	0
22. Tamil Nadu	235	1	415	0	347	0	251	0	1248	1
23. Tripura	0	0	0	0	0	0	0	0	0	0
24. Uttar Pradesh	0	0	0	0	..	..	..	..	0	0
25. West Bengal	9	0	115	0	51	0	47	0	222	0
26. A and N Islands	0	0	0	0	0	0	0	0	0	0
27. Chandigarh	0	0	0	0	..	..	0	0	0	0
28. D and N Haveli	0	0	0	0	0	0	0	0	0	0
29. Daman and Diu	0	0	0	0	0	0	0	0	0	0
30. Delhi	1	0	324	0	372	0	206	0	903	0
31. Lakshadweep	0	0	0	0	0	0	0	0	0	0
32. Pondicherry	0	0	0	0	0	0	0	0	0	0
TOTAL	360	2	1350	7	1410	6	759	3	3879	18

NOTE: C = Cases, D = Deaths, .. = Not Received, 0 = Nil, R = Revised
***this Statement is based on Weekly reports which provide details of areas within the State where cases have occurred.

Statement V

Total number of malaria cases during the years 1998, 1999 and 2000

State/UT	1998	1999	2000(p)	2001(p)
1. Andhra Pradesh	118800	129020	80557	36955
2. Arunachal Pradesh	49554	58243	46165	15546
3. Assam	94645	131048	84915	61302
4. Bihar	114958	131898	9509	1132
5. Chhattisgarh	..	..	311601	72058
6. Goa	25975	15380	9164	6805
7. Gujarat	106825	64130	36712	18736
8. Haryana	12115	2604	1050	495
9. Himachal Pradesh	1433	700	491	208
10. Jammu and Kashmir	5451	3574	3045	645
11. Jharkhand	..	..	146958	132012
12. Karnataka	118712	97274	109118	139437
13. Kerala	7439	5141	2940	1465
14. Madhya Pradesh	475098	527510	194689	90828
15. Maharashtra	165985	137712	81406	30654
16. Manipur	1306	2662	1064	698
17. Meghalaya	17618	14798	13699	5462
18. Mizoram	10137	14437	9059	6310
19. Nagaland	1989	4396	3443	2882
20. Orissa	478056	483095	509497	145417
21. Punjab	5316	1113	493	493
22. Rajasthan	76438	53154	35973	6595
23. Sikkim	15	14	16	8
24. Tamil Nadu	63915	56366	43053	18985
25. Tripura	12595	14408	12245	12276
26. Uttranchal	..	..	1854	612
27. Uttar Pradesh	112291	99362	102306	27994
28. West Bengal	132088	227480	146322	70940
29. A and N Islands	1247	937	1002	647
30. Chandigarh	1675	456	256	228
31. D and N Haveli	6225	3303	2415	628

State/UT	1998	1999	2000(p)	2001(p)
32. Daman and Diu	625	352	132	33
33. Delhi	4050	3996	1916	939
34. Lakshadweep	4	1	5	0
35. Pondicherry	168	149	137	77
TOTAL:	2222748	2284713	2002207	778314

P—Provisional

Statement VI

Reported Number of AIDs cases during the last three years (1998—2000)

	State/UT	1998	1999	2000
1	2	3	4	5
1.	Andhra Pradesh	7	2	485
2.	Arunachal Pradesh	0	0	0
3.	Assam	3	11	62
4.	Bihar	0	0	36
5.	Goa	0	7	10
6.	Gujarat	2	1	245
7.	Haryana	0	0	47
8.	Himachal Pradesh	0	16	15
9.	Jammu and Kashmir	0	0	0
10.	Karnataka	39	47	541
11.	Kerala	1	0	56
12.	Madhya Pradesh	76	116	294
13.	Maharashtra	824	64	348
14.	Manipur	0	61	364
15.	Meghalaya	0	0	0
16.	Mizoram	0	7	3

1	2	3	4	5
17.	Nagaland	0	19	51
18.	Orissa	0	0	52
19.	Punjab	48	52	31
20.	Rajasthan	25	27	106
21.	Sikkim	1	0	0
22.	Tamil Nadu	532	2730	4206
23.	Tripura	0	0	0
24.	Uttar Pradesh	16	41	93
25.	West Bengal	0	0	0
26.	A and N Islands	0	0	9
27.	Chandigarh	0	124	114
28.	D and N Haveli	0	0	0
29.	Daman and Diu	1	0	0
30.	Delhi	13	0	64
31.	Lakshadweep	0	0	0
32.	Pondicherry	9	0	0
33.	Ahmedabad M.C.	0	0	0
	TOTAL:	1597	3325	7232

Proposal to conduct three-year medical course in Chhattisgarh

†2953. SHRI DILIP SINGH JUDEV: Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:

(a) whether any proposal with regard to starting three-year medical course by the Government of Chhattisgarh has been received by Government and Central Medical Council;

† Original notice of the question was received in Hindi.